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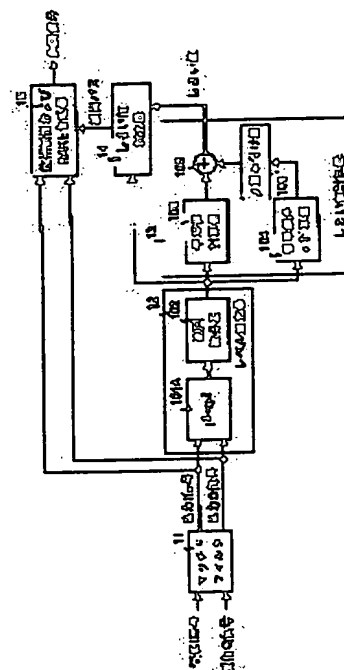
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(54) RAKE RECEIVER, RADIO RECEIVER AND PATH DETECTION METHOD IN RAKE RECEIVER

(57)Abstract:

PROBLEM TO BE SOLVED: To improve the reception performance by obtaining an optimum threshold value even in the case that an interference amount is changed and the gain is changed.

SOLUTION: A matched filter 11 of a base band demodulator being a RAKE receiver obtains a correlation output (I and Q signals), a level measurement device 12 measures a level of the correlation output, a threshold value calculator 13 obtains respectively a mean value and a standard deviation based on a level measured by the level measurement device 12, adds the mean value to a value applying a prescribed weight to the standard deviation to obtain a threshold value, and a threshold value discrimination device 14 detects a path with a level over the threshold value obtained by the threshold value calculator 13 among levels measured by the level measurement device 12.



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